

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 through 10. (cancelled).

Claim 11. (currently amended): A well water purification system ~~according to~~

~~claim 9~~ comprising:

a tank for retaining well water,

at least one suction line having at least one suction fitting positioned

inside the tank near the center of the bottom of the tank and

having one or more vortex orifices,

means for pumping water through said suction line,

means for filtering the water that is pumped through said suction line,

and

at least one return line connected to said pump having at least one return

jet,

wherein the suction caused at the one or more vortex orifices is sufficient

to cause the well water in the tank to rotate enough to aid in the

accumulation of sediment or particulate matter near the center of

the bottom of the tank, and

16 wherein the aggregate cross-sectional area of said one or more vortex
orifices is substantially larger than the aggregate cross-sectional
18 area of said one or more collector orifices.

Claim 12. (currently amended): A well water purification system ~~according to~~
2 ~~claim 9~~ comprising:

a tank for retaining well water,
4 at least one suction line having at least one suction fitting positioned
inside the tank near the center of the bottom of the tank and
6 having one or more vortex orifices,
means for pumping water through said suction line,
8 means for filtering the water that is pumped through said suction line,
and
10 at least one return line connected to said pump having at least one return
jet,

12 wherein the suction caused at the one or more vortex orifices is sufficient
to cause the well water in the tank to rotate enough to aid in the
14 accumulation of sediment or particulate matter near the center of
the bottom of the tank; and

16 further comprising one or more aerators connected to said at least one
return line.

Claims 13 through 16. (cancelled)

Claim 17. (original) A well water purification system comprising:

a tank for retaining well water,
a suction line having at least one suction fitting positioned inside the tank
near the center of the bottom of the tank and having one or more
vortex orifices and having one or more collector orifices
at least one pump connected to said suction line,
at least one filter in line with said pump,
a return line connected to said pump having at least one check valve and
at least one return jet,
an aerator connected to said return line, and
a diverter valve for diverting a portion of the water in said return line
through said aerator,
wherein the suction caused at the one or more vortex orifices is sufficient
to cause the well water in the tank to rotate enough to aid in the
accumulation of sediment or particulate matter near the center of
the bottom of the tank.

Claim 18. (original) A well water purification system according to claim 17
2 wherein the aggregate cross-sectional area of said one or more vortex orifices is
substantially larger than the aggregate cross-sectional area of said one or more
4 collector orifices.

Claim 19. (original): A well water purification system according to claim 17
2 further comprising one or more anti-siphoning orifices in said at least one
suction line.